



## ICY BOX IB-1816M-C31

### External Type-C™ enclosure for M.2 NVMe SSD

#### Key features

- Interface to host computer: USB 3.1 (Gen 2) Type-C™, up to 10 Gbit/s
- Supports PCIe 3.0 x2 transfer rate of up to 1000 megabyte per second
- M-Key socket for NVMe SSDs, 22x30/42/60/80 mm
- Housing made of high-grade aluminium
- LED for power and access
- Supports Windows®, macOS®



#### Packing content

1x IB-1816M-C31, 1x Type-C™ to Type-C™ cable (45 cm length),  
1x Type-C™ to Type-A cable (45 cm length), 1x Screwdriver,  
1x Screws set, 2x Cover panels, 1x Quick installation guide

## M.2 becomes mobile

With the help of the external USB 3.1 Type-C™ enclosure IB-1816M-C31 you can take one NVMe card with you quickly and easily. It allows access to M.2 SSDs of up to 2 TB no matter to which host you connect it. The IB-1816M-C31 is compatible with M.2 cards of 30, 42, 60 and 80 mm length, operating system-independent and suitable for a variety of applications such as high-speed storage, cloning a drive or running a mobile operating system.

#### Technical data

<b>Model</b>	IB-1816M-C31
<b>Article no.</b>	60482
<b>EAN code</b>	4250078168638
<b>Brand</b>	ICY BOX
<b>Colour</b>	Black
<b>Material</b>	Aluminium
<b>Interface to host computer</b>	USB 3.1 (Gen 2) Type-C™
<b>Transfer rate</b>	Up to 10 Gbit/s
<b>Length of cable</b>	45 cm
<b>M.2 socket</b>	M-Key
<b>M.2 card size</b>	22x30/42/60/80 mm
<b>M.2 interface</b>	PCIe x2

<b>SSD capacity</b>	Unlimited
<b>Plug &amp; Play</b>	Yes
<b>LED</b>	Power and access
<b>Chipset</b>	JMS583
<b>Power supply</b>	Bus powered
<b>Operating system</b>	Windows®, macOS®

#### System requirements

Your host computer must have a USB Type C™ interface.  
The IB-1816M-C31 also works with computers and notebooks with USB 3.0/2.0/1.1 Type-A interfaces as long as the appropriate adapter is available.  
The enclosure also works on devices with a Thunderbolt™ 3 interface with the transfer rate of 10 Gbit/s specified by USB 3.1 (Gen 2).  
The Type-C™ interface can be connected with USB 3.0 or 2.0 standard in some notebooks and computers. The enclosure only supplies the full speed of 10 Gbit/s to USB 3.1 (Gen 2) Type-C™ interfaces.  
The following operating systems are supported: Windows®, macOS®

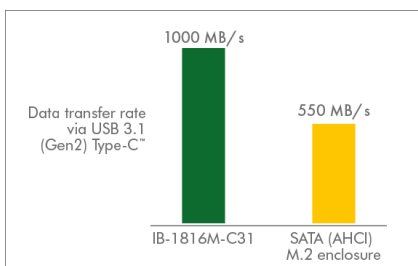


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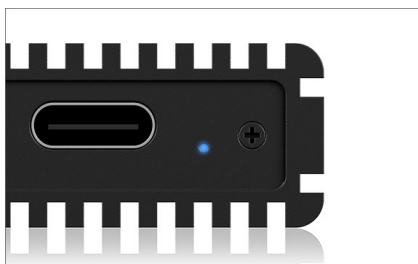
## Fast on the move

With USB 3.1 (Gen 2) Type-C™ even higher data transfer rates can be achieved. The high transfer rate of up to 10 Gbit/s is ensured by the supplied USB 3.1 Type-C™ cable and only needs a matching end device in the form of a PC, tablet or similar with Windows® or macOS®.



## USB Type-C™ controller based on NVMe

If you wanted to connect an external case with an M.2 SSD via USB Type-C™ in the past, you were limited to SATA models. The new chipset allows NVMe M.2 SSDs to be connected to a USB 3.1 (Gen 2) Type-C™ host computer and enables the full data transfer rate of up to 1000 MB per second.



## Lightweight aluminium

Weighing less than 40 g, the IB-1816M-C31 features a sleek, compact, and crush-resistant aluminium enclosure that safeguards the M.2 SSD against shock and vibration. Its grooved finned heatsink design supports heat dissipation for an excellent cooling effect and protects the SSD from overheating and thermal throttling even under heavy use.

### Logistical data

**Packing unit:** 40 pcs./carton  
**Total weight:** 9.18 kg/carton  
**Gross weight (with packing):** 0.190 kg  
**Net weight:** 0.075 kg

**Dimension/carton:** 235x460x390 mm  
**Dimension (with packing):** 200x100x35 mm  
**Dimension of article:** 105x36x15 mm  
**Country of origin:** China